

FERTILITY RATE

TITLE V INDICATOR TEMPLATES

INDICATOR: Fertility rate among girls

DEFINITION: The number of live births per 1,000 adolescent females by age at delivery (less than 15 years of age, 15 to 17 years of age, and 18 to 19 years of age)

NUMERATOR: The total number of live births among adolescent females, by age group (less than 15, 15 to 17, 18 to 19), by place of residence, in a calendar year

DENOMINATOR: The total number of adolescent females by age group (less than 15, 15 to 17, 18 to 19), by place of residence, in a calendar year

HEALTHY PEOPLE 2010 OBJECTIVE:
Reduce pregnancies among girls aged 17 and younger to no more than 50 per 1,000 adolescents. (Baseline: 71.1 pregnancies per 1,000 girls aged 15 through 17 in 1985) (Objective 5.1)

RISK FACTORS: Low income; low maternal education level; race/ethnicity (African American, Hispanic); lack of effective contraceptive use/family planning practices; lack of education/counseling regarding contraceptive use/family planning; previous teen pregnancy; initiation of sexual activity at a young age

THE FOLLOWING THREE TABLES STRATIFY TEEN BIRTHS BY AGE GROUP

Births to adolescent females less than 15 years of age

Year	California				LA County			
	Number	Rate	95% Confidence Interval		Number	Rate	95% Confidence Interval	
			Lower	Upper			Lower	Upper
1990	1,390	1.4	1.4	1.5	516	1.8	1.7	2.0
1991	1,469	1.5	1.4	1.5	513	1.8	1.6	1.9
1992	1,595	1.5	1.5	1.6	554	1.9	1.7	2.0
1993	1,572	1.5	1.4	1.6	550	1.8	1.7	2.0
1994	1,687	1.6	1.5	1.6	544	1.8	1.6	1.9
1995	1,640	1.5	1.4	1.6	550	1.8	1.6	1.9
1996	1,485	1.3	1.3	1.4	477	1.5	1.4	1.7
1997	1,256	1.1	1.0	1.2	408	1.3	1.1	1.4
1998	1,066	0.9	0.9	1.0	337	1.0	0.9	1.1
1999	1,037	0.9	0.8	0.9	323	0.9	0.8	1.0
2000	895	0.7	0.7	0.8	274	0.8	0.7	0.8
2001	810	0.6	0.6	0.6	269	0.7	0.6	0.8

Females < 15 (i.e. 10 - 14)	
DENOMINATOR:	
State	County
965,280	285,643
1,006,755	292,429
1,035,273	296,781
1,063,935	301,160
1,085,865	306,055
1,099,978	308,833
1,114,798	313,049
1,145,701	322,971
1,172,868	332,159
1,209,875	344,707
1,260,411	362,280
1,332,883	389,679

Note: This indicator addresses live births as opposed to pregnancies.

Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate"

Sources: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2001

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040," Sacramento, California, December 1998

TITLE V INDICATOR TEMPLATES

INDICATOR: **Fertility rate among girls (continued)**

Births to adolescent females 15 to 17 years of age

Year	California				LA County			
	Number	Rate	95% Confidence Interval		Number	Rate	95% Confidence Interval	
			Lower	Upper			Lower	Upper
1990	24,828	44.2	43.7	44.7	8,814	50.6	49.5	51.6
1991	25,914	46.5	45.9	47.0	9,078	53.4	52.3	54.4
1992	25,967	45.6	45.1	46.2	8,808	51.6	50.6	52.7
1993	26,301	45.8	45.3	46.4	8,629	51.4	50.3	52.4
1994	26,378	45.2	44.7	45.8	8,576	51.3	50.2	52.3
1995	25,821	42.9	42.4	43.4	8,369	49.4	48.4	50.4
1996	24,047	38.3	37.8	38.8	7,741	44.4	43.4	45.4
1997	23,064	35.7	35.2	36.1	7,237	40.5	39.6	41.5
1998	21,630	32.6	32.2	33.0	6,770	37.2	36.3	38.1
1999	20,209	30.1	29.7	30.5	6,293	34.4	33.6	35.3
2000	20,209	29.1	28.8	29.5	6,293	33.4	32.6	34.3
2001	17,307	24.4	24.0	24.7	5,373	27.9	27.1	28.6

Year	DENOMINATOR: Females 15-17		NUMERATOR: Births to 15-17 year olds					
	State	County	State Births, 15 year olds	State Births, 16 year olds	State Births, 17 year olds	County Births, 15 year olds	County Births, 16 year olds	County Births, 17 year olds
1990	561,743	174,335	3,807	7,898	13,123	1,341	2,808	4,665
1991	557,492	170,138	3,952	8,545	13,417	1,380	3,030	4,668
1992	569,137	170,568	4,070	8,547	13,350	1,339	2,918	4,551
1993	573,941	167,905	4,279	8,641	13,381	1,383	2,827	4,419
1994	583,290	167,270	4,335	8,701	13,342	1,419	2,771	4,386
1995	602,236	169,393	4,182	8,560	13,079	1,386	2,775	4,208
1996	627,740	174,348	3,886	8,093	12,068	1,251	2,655	3,835
1997	646,663	178,522	3,645	7,557	11,862	1,143	2,421	3,673
1998	663,642	181,901	3,215	7,094	11,321	1,002	2,227	3,541
1999	671,509	182,713	2,876	6,671	10,662	922	2,069	3,302
2000	693,330	188,148	2,735	6,012	10,140	879	1,855	3,067
2001	710,103	192,828	2,433	5,485	9,389	770	1,736	2,867

Note: This indicator addresses live births as opposed to pregnancies.

Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate"

Sources: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2001

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040," Sacramento, California, December 1998

TITLE V INDICATOR TEMPLATES

INDICATOR: **Fertility Rate among girls (continued)**

Births to adolescent females 18 to 19 years of age

Year	California				LA County			
	Number	Rate	95% Confidence Interval		Number	Rate	95% Confidence Interval	
			Lower	Upper			Lower	Upper
1990	44,732	103.6	102.7	104.5	15,131	111.6	109.9	113.3
1991	44,408	109.0	108.1	110.0	15,243	122.6	120.8	124.4
1992	43,305	109.0	108.1	110.0	14,608	122.6	120.7	124.4
1993	42,218	109.1	108.1	110.1	13,999	123.4	121.5	125.3
1994	41,820	107.8	106.9	108.8	13,515	120.4	118.5	122.3
1995	40,823	105.0	104.0	105.9	13,243	120.1	118.2	122.0
1996	39,071	98.6	97.7	99.5	12,217	111.6	109.8	113.5
1997	36,787	90.1	89.3	91.0	11,293	102.2	100.4	104.0
1998	36,511	85.1	84.2	85.9	11,153	97.3	95.6	99.0
1999	36,368	80.0	79.2	80.8	10,850	89.8	88.2	91.4
2000	36,486	79.6	78.8	80.4	10,807	89.2	87.6	90.8
2001	35,659	76.6	75.9	77.4	10,177	83.8	82.2	85.3

Year	DENOMINATOR: Females 18-19		NUMERATOR: Births to 18 - 19 year olds			
	State	County	State Births, 18 year olds	State Births, 19 year olds	County Births, 18 year olds	County Births, 19 year olds
1990	431,798	135,572	18,981	25,751	6,538	8,593
1991	407,276	124,307	19,423	24,985	6,765	8,478
1992	397,128	119,170	18,779	24,526	6,440	8,168
1993	387,000	113,474	18,638	23,580	6,173	7,826
1994	387,800	112,212	18,548	23,272	6,046	7,469
1995	388,944	110,278	18,017	22,806	5,810	7,433
1996	396,205	109,454	17,048	22,023	5,274	6,943
1997	408,132	110,462	16,132	20,655	4,952	6,341
1998	429,256	114,609	16,018	20,493	4,944	6,209
1999	454,709	120,839	15,526	20,842	4,629	6,221
2000	458,261	121,120	15,653	20,833	4,690	6,117
2001	465,373	121,493	14,886	20,773	4,313	5,864

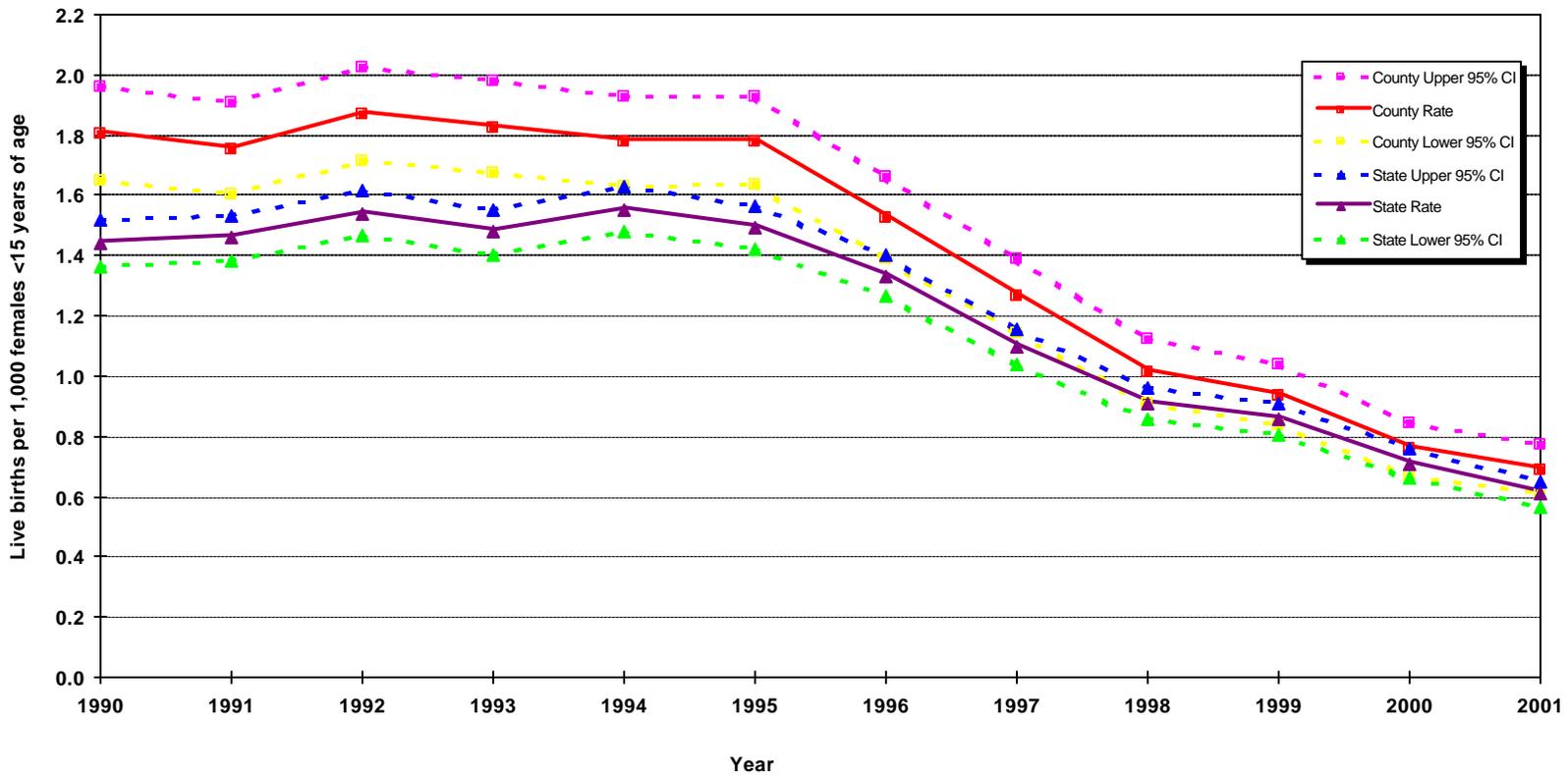
Note: This indicator addresses live births as opposed to pregnancies.

Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate"

Sources: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2001

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040," Sacramento, California, December 1998

Live Births per 1,000 Adolescent Females Less Than 15 Years of Age California vs. Los Angeles County, 1990 - 2001



Note: This indicator addresses live births as opposed to pregnancies.

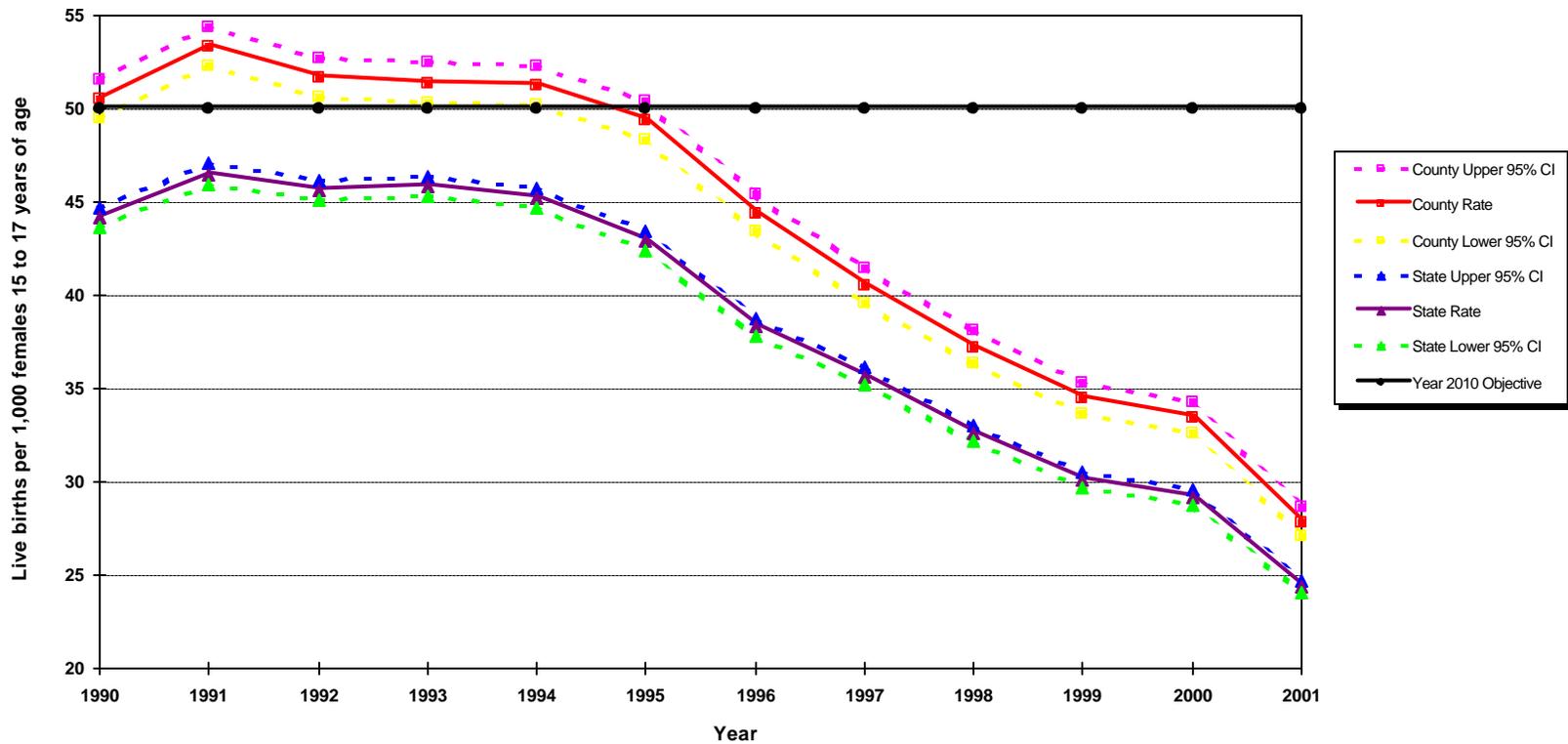
Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate"

Sources: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2001

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040,"

Sacramento, California, December 1998

Live Births per 1,000 Adolescent Females 15 to 17 Years of Age California vs. Los Angeles County, 1990 - 2001



Year 2010 Objective: Reduce pregnancies among girls aged 17 and younger to no more than 50 per 1,000 adolescents.

Note: This indicator addresses live births as opposed to pregnancies.

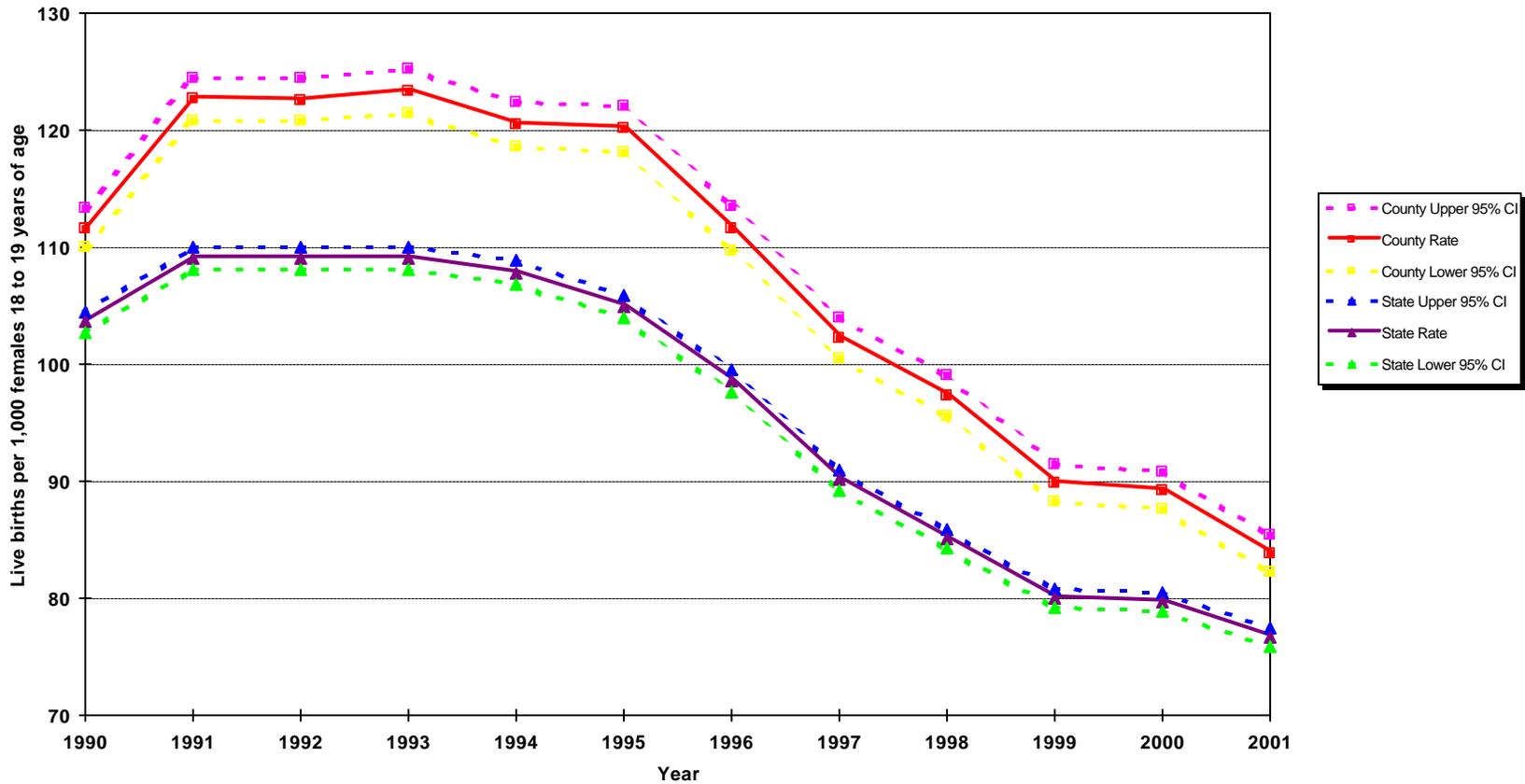
Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate"

Sources: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2001

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040,"

Sacramento, California, December 1998

Live Births per 1,000 Adolescent Females 18 to 19 Years of Age California vs. Los Angeles County, 1990 - 2001



Note: This indicator addresses live births as opposed to pregnancies.

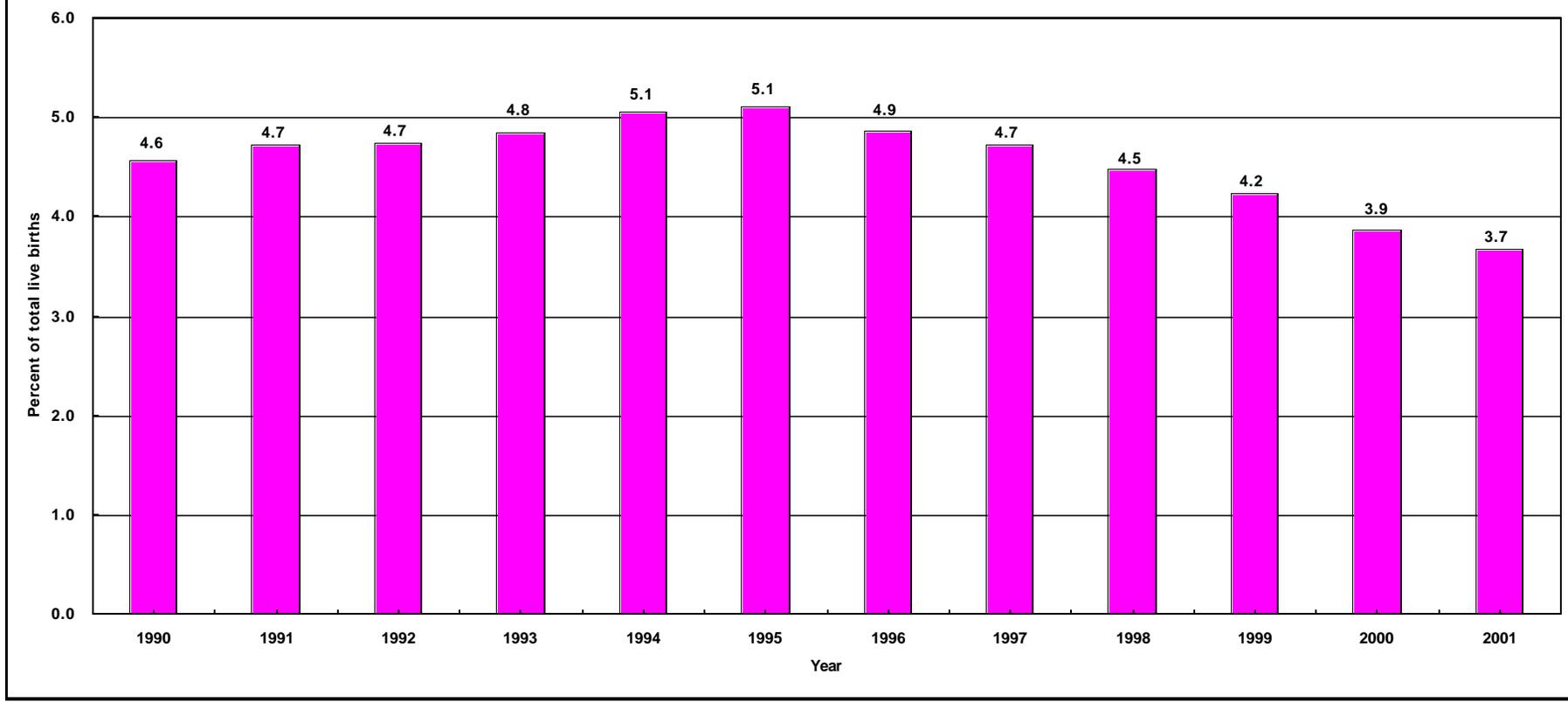
Prior to 2000, "Fertility Rate among teen girls" was labeled as "Teen Birth Rate"

Sources: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2001

Denominator data: California Department of Finance, "Race/Ethnic Population with Age and Sex Detail, 1970-2040,"

Sacramento, California, December 1998

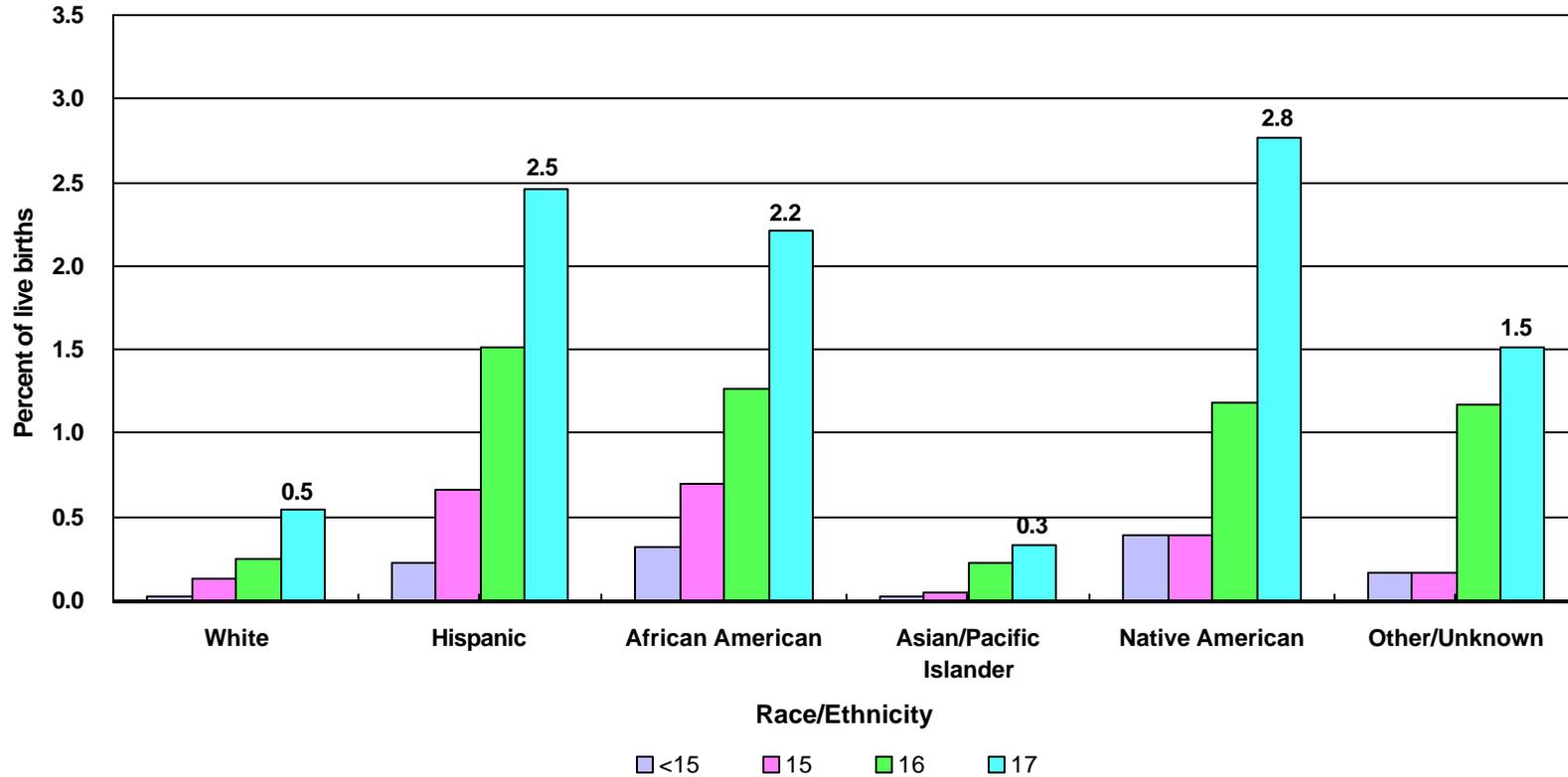
**Live Births to Mothers Less Than 18 Years Old as Percent of Total Live Births
Los Angeles County, 1990 - 2001**



Age	Year																							
	1990		1991		1992		1993		1994		1995		1996		1997		1998		1999		2000		2001	
	Number	Percent																						
< 18	9,330	4.6	9,591	4.7	9,362	4.7	9,179	4.8	9,120	5.1	8,919	5.1	8,218	4.9	7,645	4.7	7,107	4.5	6,616	4.2	6,075	3.9	5,642	3.7
Total	204,124	100.0	202,737	100.0	197,415	100.0	189,706	100.0	180,394	100.0	174,862	100.0	168,973	100.0	162,036	100.0	158,604	100.0	156,153	100.0	157,391	100.0	153,523	100.0

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 1990-2001

**Percent of Live Births to Mothers Less Than 18 Years Old
by Mother's Race/Ethnicity*
Los Angeles County, 2001**

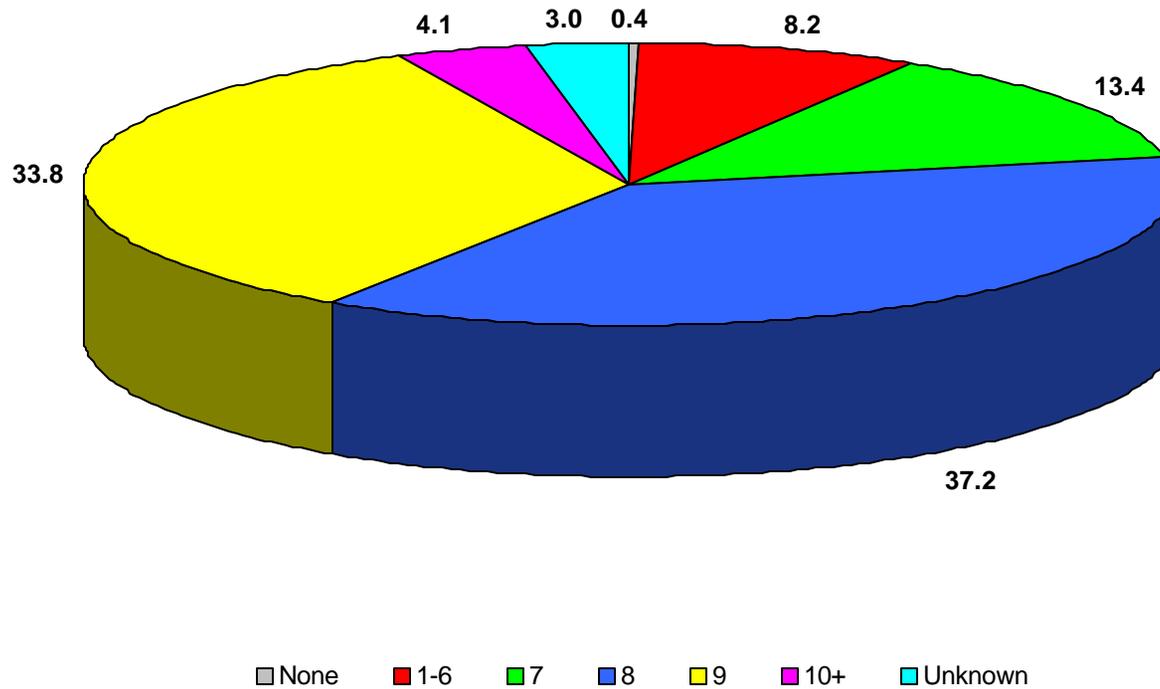


Age	Race/Ethnicity											
	White		Hispanic		African American		Asian/Pacific Islander		Native American		Other/Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<15	6	0.0	216	0.2	41	0.3	4	0.0	1	0.4	1	0.2
15	36	0.1	636	0.7	88	0.7	8	0.1	1	0.4	1	0.2
16	70	0.2	1460	1.5	161	1.3	35	0.2	3	1.2	7	1.2
17	153	0.5	2367	2.5	280	2.2	51	0.3	7	2.8	9	1.5
Total	28,179	100.0	96,288	100.0	12,671	100.0	15,537	100.0	253	100	595	100.0

Note: * White, African American, Asian, Pacific Islander, Native American and other races exclude Hispanic ethnicity
Hispanic includes any race category.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2001

**Percent of Live Births to Mothers Less Than 15 Years Old
by Years of Education
Los Angeles County, 2001**

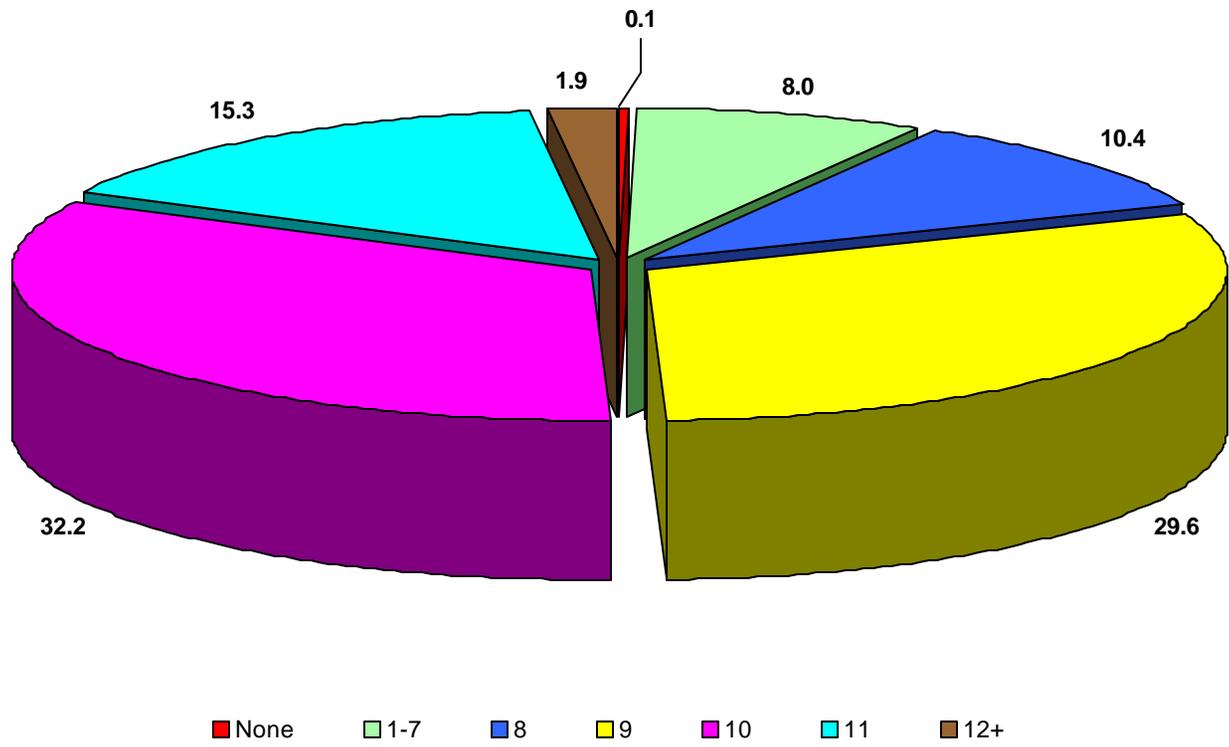


Years of Education													
None		1-6		7		8		9		10 +		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1	0.4	22	8.2	36	13.4	100	37.2	91	33.8	11	4.1	8	3.0

Note: Total number of live births to mothers less than 15 years old in Los Angeles County in 2001 was 269

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2001

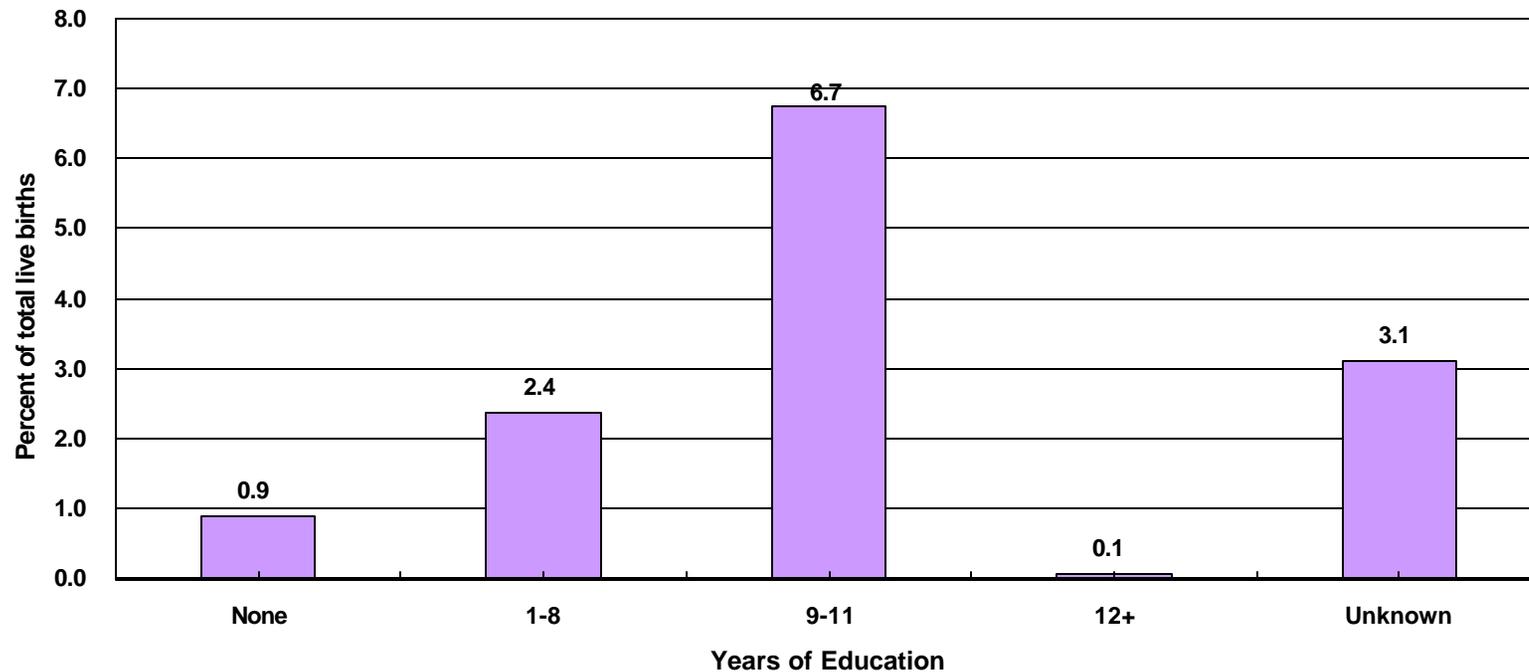
**Percent of Live Births to Mothers Less Than 17 Years Old
by Years of Education
Los Angeles County, 2001**



Years of Education															
None		1-7		8		9		10		11		12+		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
4	0.1	222	8.0	289	10.4	822	29.6	893	32.2	425	15.3	52	1.9	68	2.5

Note: Total number of live births to mothers less than 17 years old in Los Angeles County in 2001 was 2,775
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2001

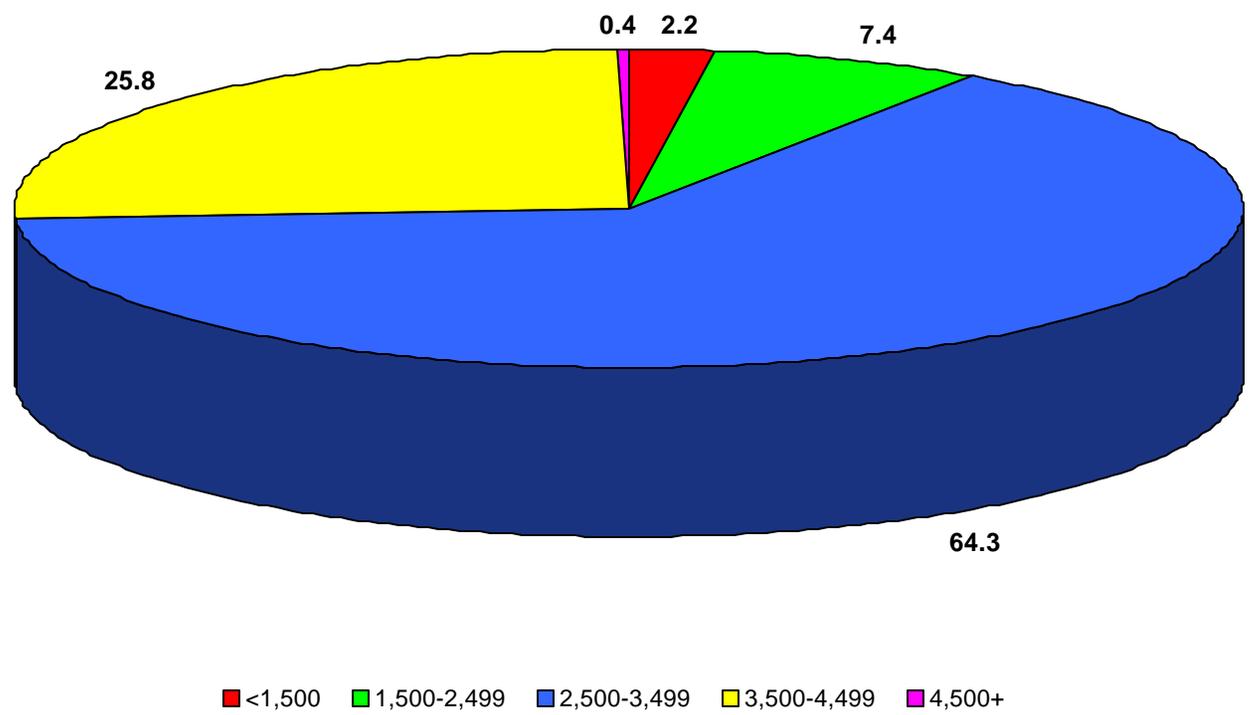
**Live Births to Mothers Less Than 17 Years Old
as Percent of Total Live Births, by Years of Education
Los Angeles County, 2001**



	Years of Education									
	None		1-8		9-11		12+		Unknown	
Age	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	4	0.9	511	2.4	2,140	6.7	52	0.1	68	3.1
Total	448	100.0	21,733	100.0	31,755	100.0	97,400	100.0	2,187	100.0

Note: Total number of live births in Los Angeles County in 2001 was 153,523
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2001

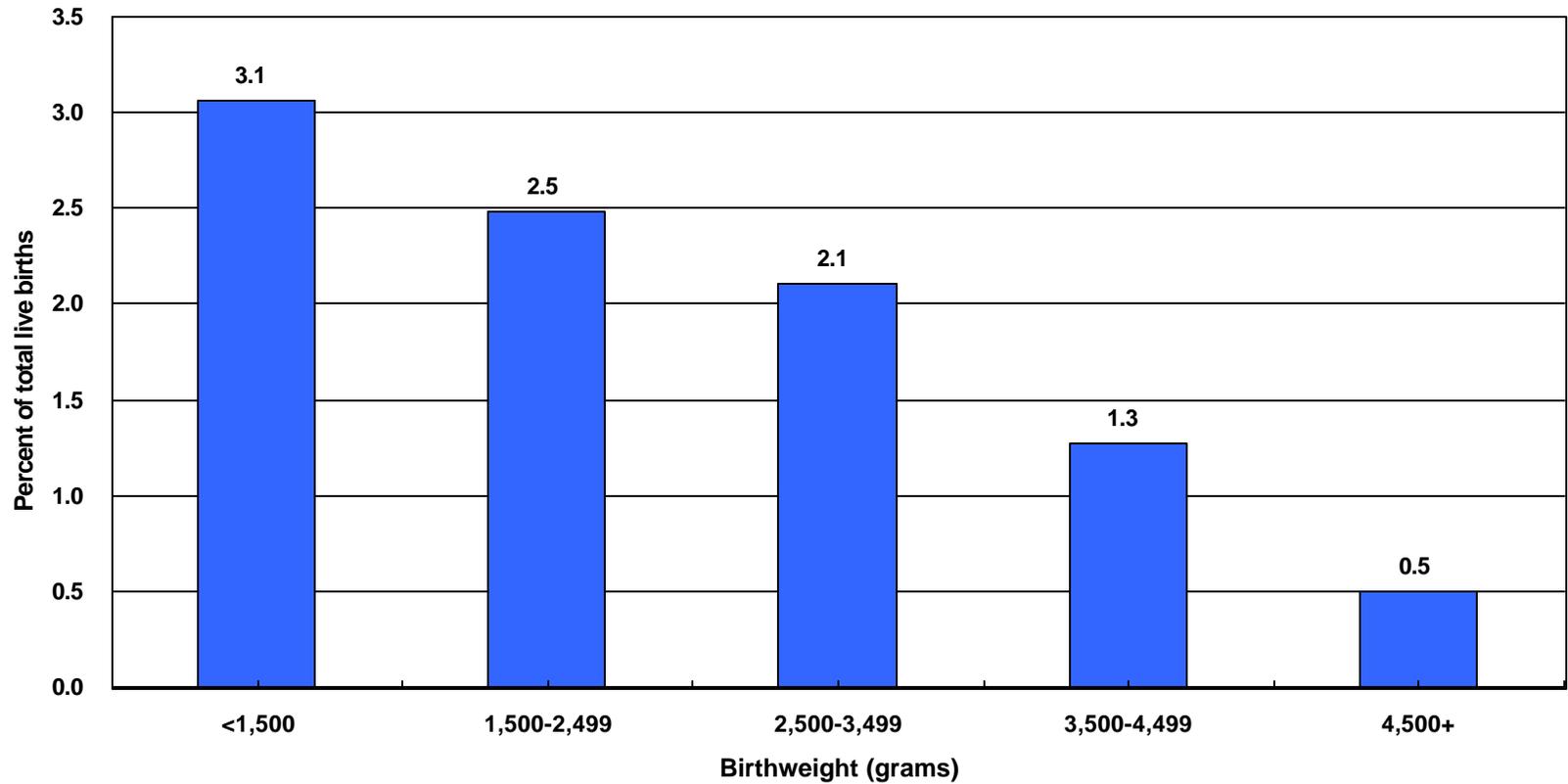
**Percent of Live Births to Mothers Less Than 17 Years Old
by Birthweight
Los Angeles County, 2001**



Birthweight (grams)									
<1,500		1,500-2,499		2,500-3,499		3,500-4,499		4,500+	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
60	2.2	205	7.4	1,784	64.3	715	25.8	11	0.4

Note: Total number of live births to mothers less than 17 years old in Los Angeles County in 2001 was 2,775
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2001

**Live Births to Mothers Less Than 17 Years Old
as Percent of Total Live Births by Birthweight
Los Angeles County, 2001**

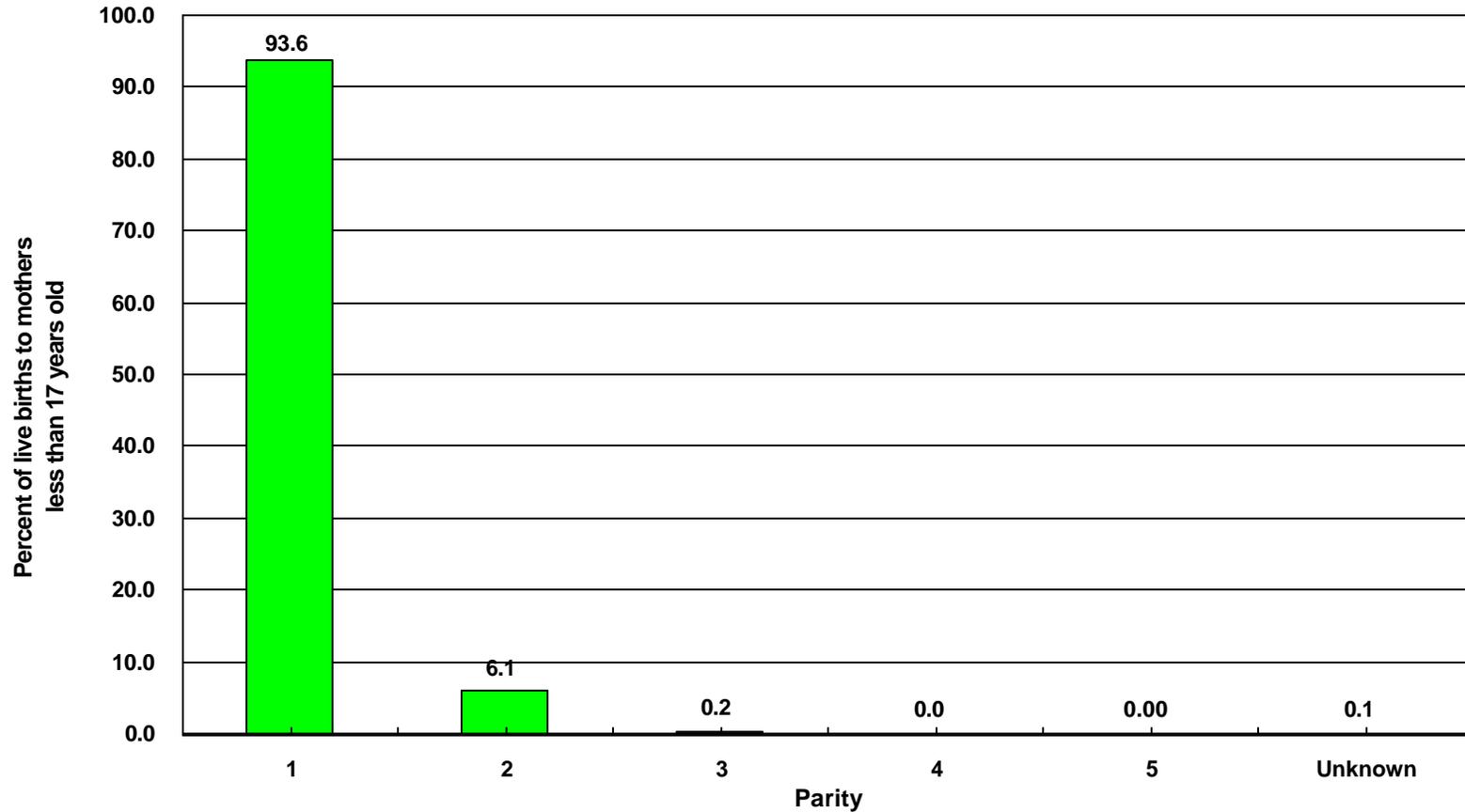


	Birthweight (grams)									
	<1,500		1,500-2,499		2,500-3,499		3,500-4,499		4,500+	
Age	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	60	3.1	205	2.5	1,784	2.1	715	1.3	11	0.5
Total	1,962	100.0	8,251	100.0	84,822	100.0	56,302	100.0	2,185	100.0

Note: Total number of live births in Los Angeles County in 2001 was 153,523

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2001

**Percent of Live Births to Mothers Less Than 17 Years Old
by Parity
Los Angeles County, 2001**



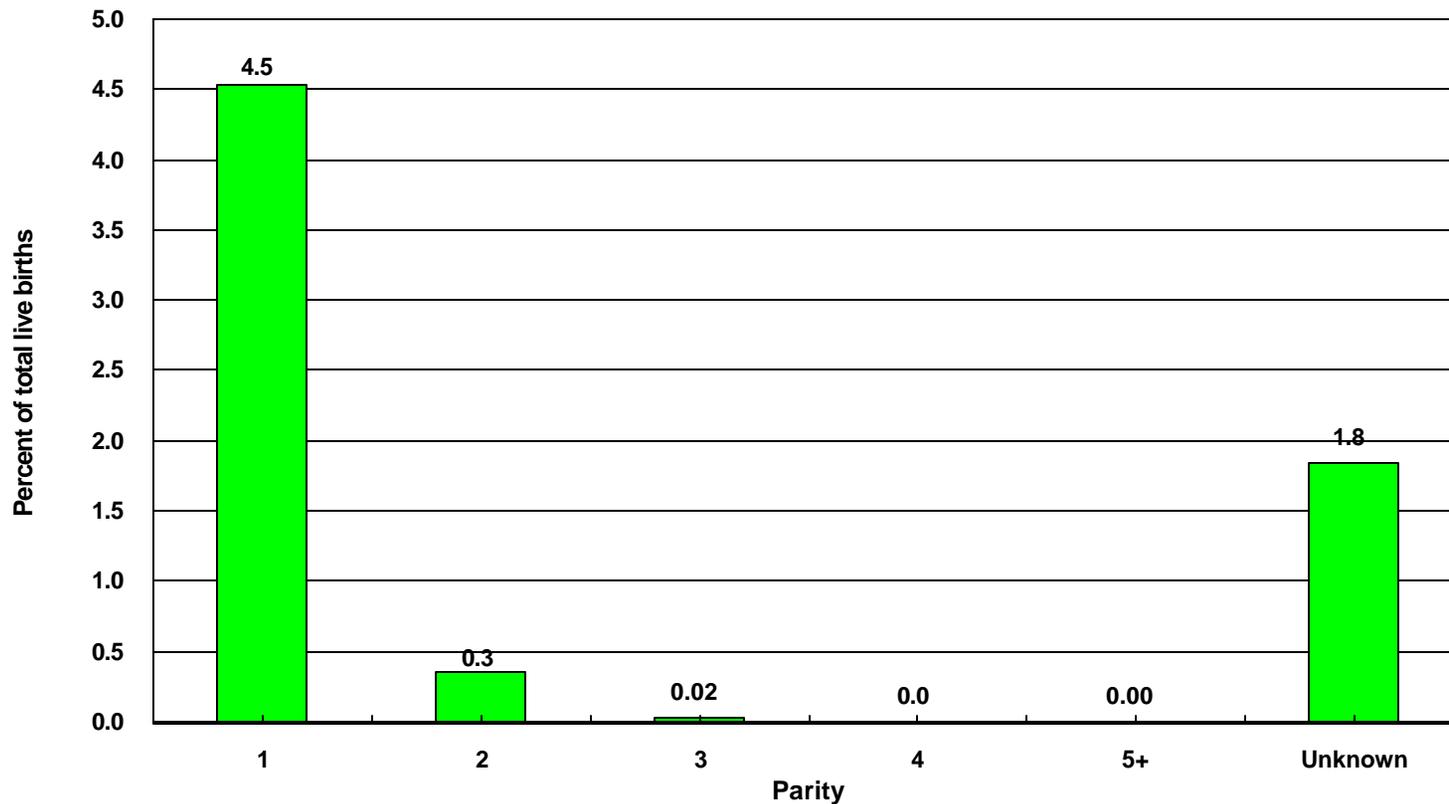
		Parity											
		1		2		3		4		5+		Unknown	
Number	Percent	Number	Percent										
2,598	93.6	169	6.1	6	0.2	0	0.0	0	0.0	2	0.1		

Note: Total number of live births to mothers less than 17 years old in Los Angeles County in 2001 was 2,775

Parity = number of pregnancies resulting in live births to a woman

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2001

**Live Births to Mothers Less Than 17 Years Old,
as Percent of Total Live Births, by Parity
Los Angeles County, 2001**



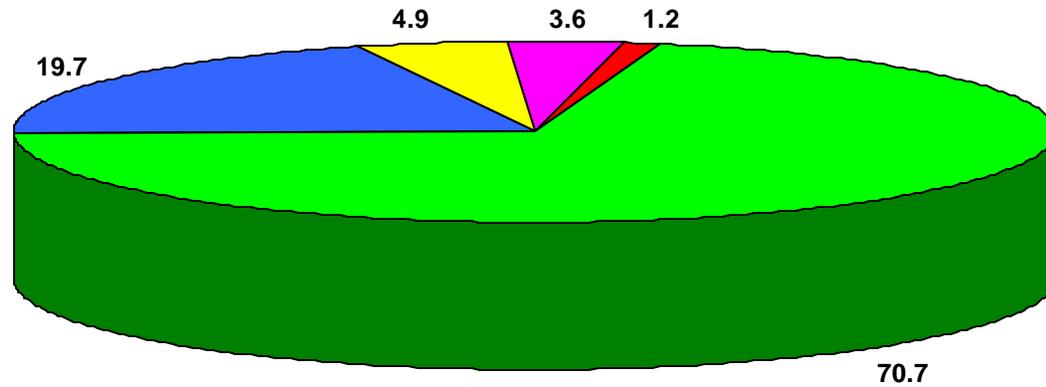
	Parity											
	1		2		3		4		5+		Unknown	
Age	Number	Percent	Number	Percent								
< 17	2,598	4.5	169	0.3	6	0.02	0	0.0	0	0.0	2	1.8
Total	57,264	100.0	48,506	100.0	27,614	100.0	11,974	100.0	8,056	100.0	109	100.0

Note: Total number of live births in Los Angeles County in 2001 was 153,523

Parity = number of pregnancies resulting in live births to a woman

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2001

**Percent of Live Births to Mothers Less Than 17 Years Old
by Trimester Prenatal Care (PNC) Began
Los Angeles County, 2001**

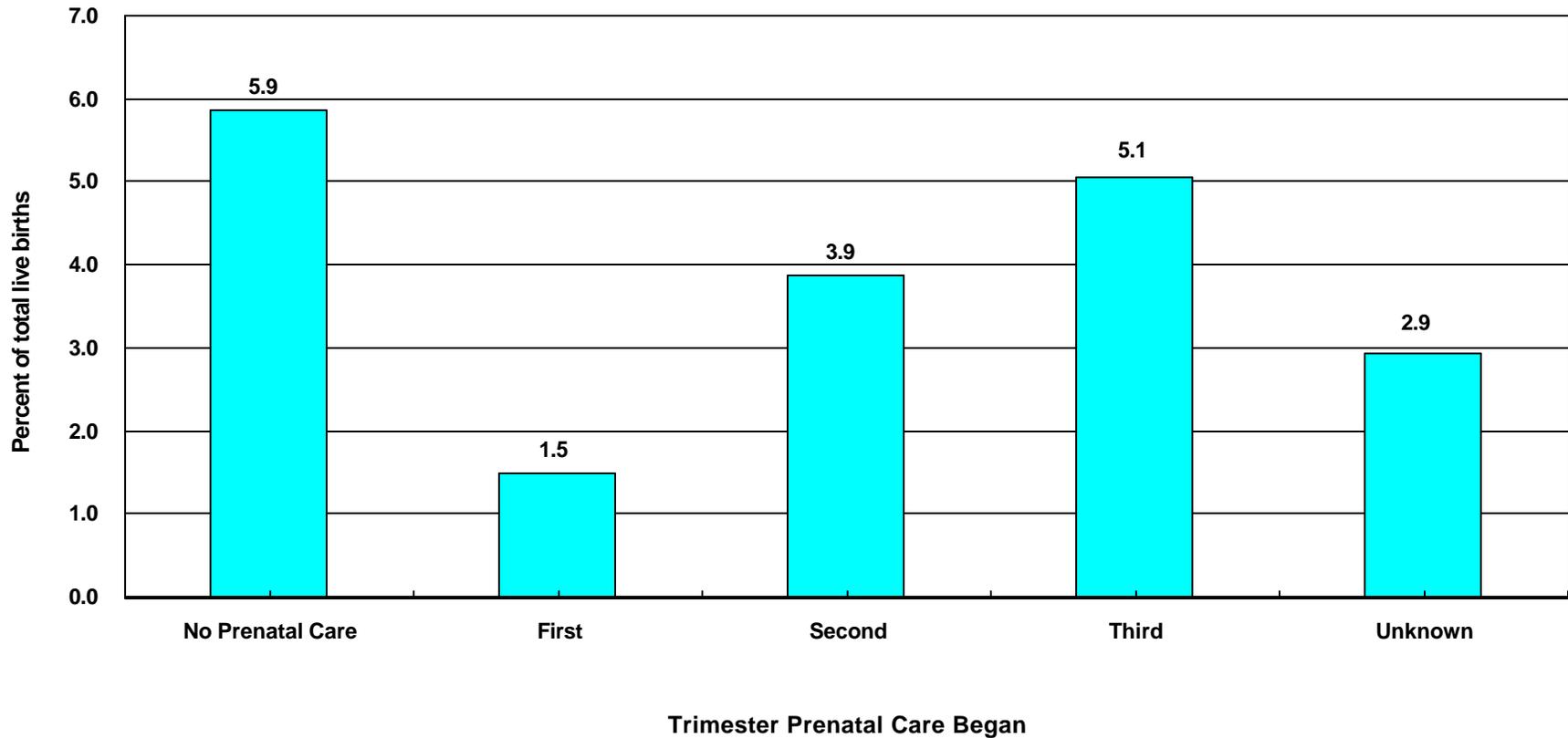


■ No Prenatal Care
 ■ First
 ■ Second
 ■ Third
 ■ Unknown

Trimester Prenatal Care Began									
No Prenatal Care		First		Second		Third		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
32	1.2	1,962	70.7	546	19.7	136	4.9	99	3.6

Note: Total number of live births to mothers less than 17 years old in Los Angeles County in 2001 was 2,775
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2001

**Live Births to Mothers Less Than 17 Years Old, as
Percent of Total Live Births, by Trimester Prenatal Care (PNC) Began
Los Angeles County, 2001**



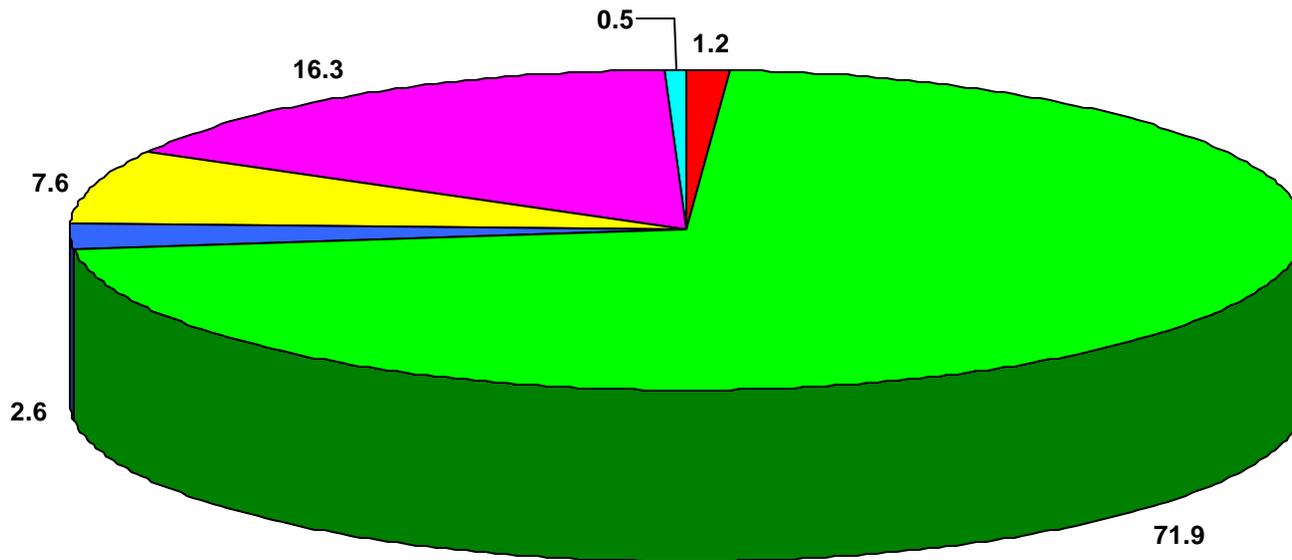
	Trimester Prenatal Care Began									
	No Prenatal Care		First		Second		Third		Unknown	
Age	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	32	5.9	1,962	1.5	546	3.9	136	5.1	99	2.9
Total	545	100.0	132,776	100.0	14,128	100.0	2,687	100.0	3,387	100.0

Note: Total number of live births in Los Angeles County in 2001 was 153,523

* 'Trimester Prenatal Care Began' excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2001

**Percent of Live Births to Mothers Less Than 17 Years Old
by Payment Source for Prenatal Care (PNC)
Los Angeles County, 2001**

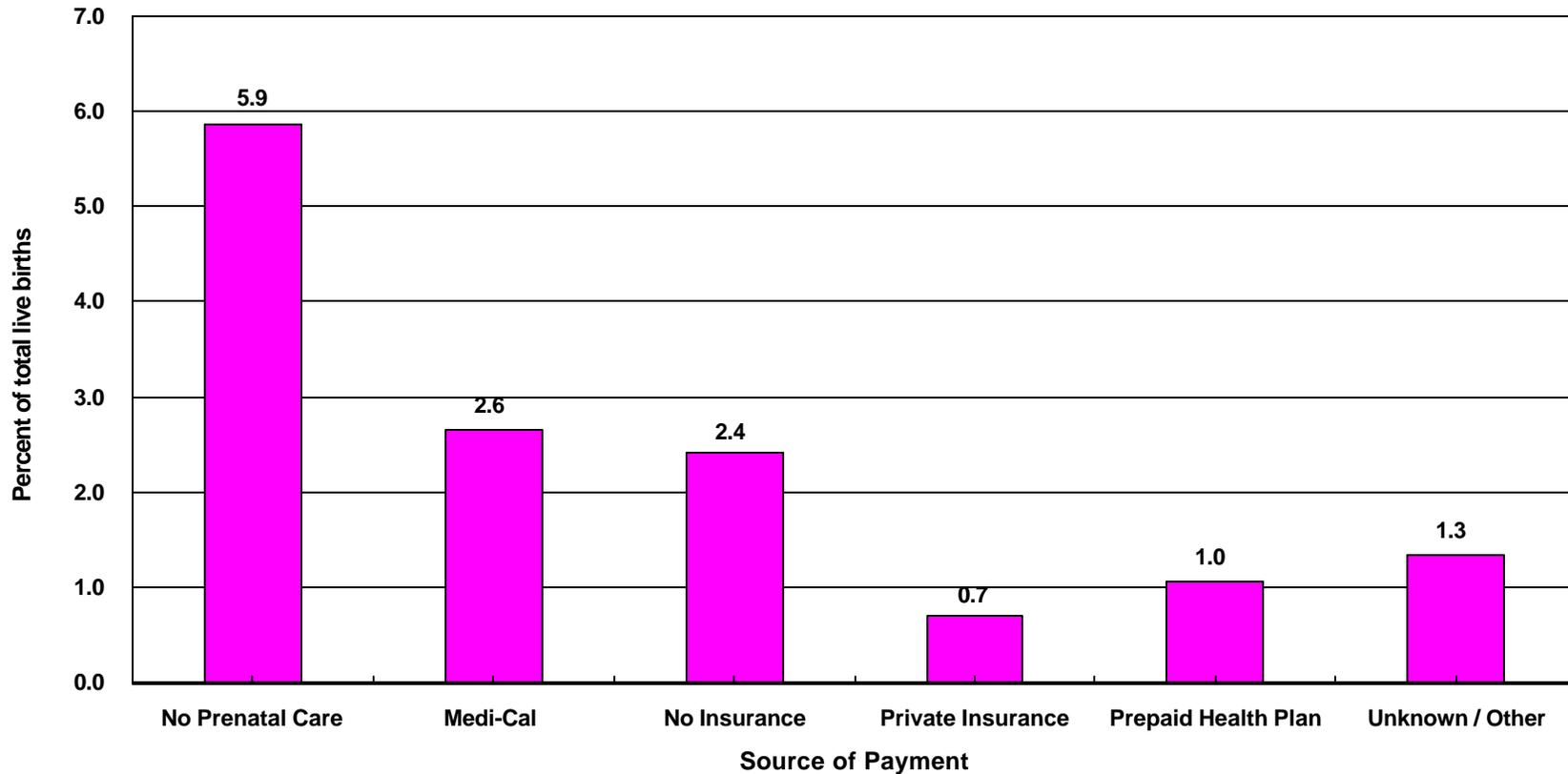


■ No Prenatal Care
 ■ Medi-Cal
 ■ No Insurance
 ■ Private Insurance
 ■ Prepaid Health Plan
 ■ Unknown / Other

Source of Payment											
No Prenatal Care		Medi-Cal		No Insurance		Private Insurance		Prepaid Health Plan		Unknown/Other	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
32	1.2	1,994	71.9	72	2.6	210	7.6	453	16.3	14	0.5

Note: Total number of live births to mothers less than 17 years old in Los Angeles County in 2001 was 2,775
Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2001

**Live Births to Mothers Less Than 17 Years Old,
as Percent of Total Live Births, by Payment Source for Prenatal Care (PNC)
Los Angeles County, 2001**



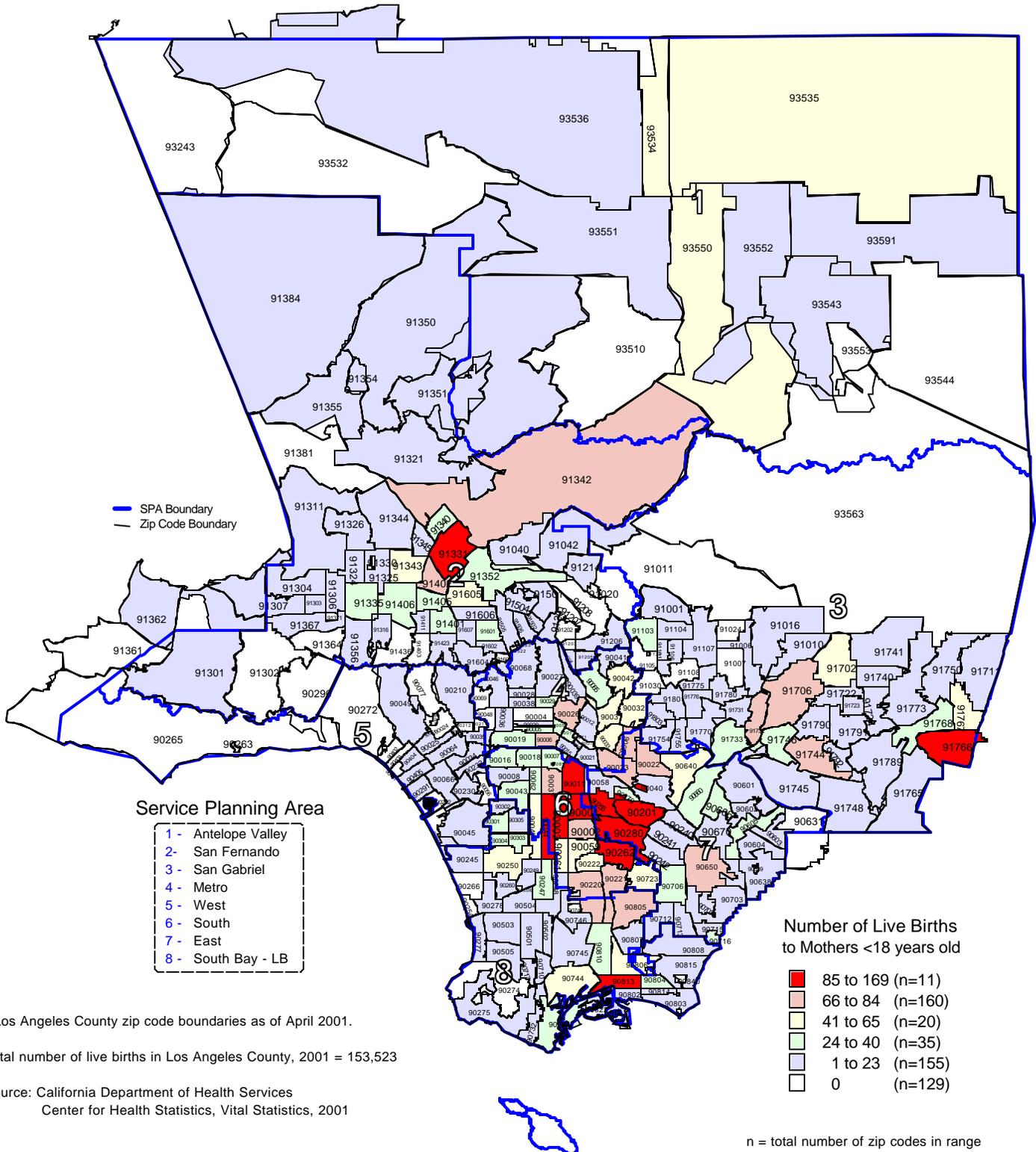
	Source of Payment											
	No Prenatal Care		Medi-Cal		No Insurance		Private Insurance		Prepaid Health Plan		Unknown/Other	
Age	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	32	5.9	1,994	2.6	72	2.4	210	0.7	453	1.0	14	1.3
Total	546	100.0	75,457	100.0	2,979	100.0	30,233	100.0	43,261	100.0	1,047	100.0

Note: Total number of live births in Los Angeles County in 2001 was 153,523

Source: California Department of Health Services, Center for Health Statistics, Vital Statistics, 2001

Number of Live Births to Mothers Less Than 18 Years Old by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2001



Percent of Total Live Births to Mothers Less Than 18 Years Old by Zip Code* and Service Planning Area (SPA)

Los Angeles County, 2001

